Ø1024

Serial No. 10/600,096 Docket No. 146712010300

## PATENT ABSTRACTS OF JAPAN

(11)Publication number:

2002-165409

(43)Date of publication of application: 07.06.2002

(51)Int.CL

H02K 7/08 F16C 17/10 F16C 33/10 F16C 33/74 HO2K 5/16 H02K 21/22

// G11B 19/20

(21)Application number: 2000-358587

(22)Date of filing:

27.11.2000

(71)Applicant: NIPPON DENSAN CORP

(72)Inventor: TOKUNAGA SHINYA

SODEOKA SATORU

## (54) MOTOR

## (57)Abstract:

rotor 6.

PROBLEM TO BE SOLVED: To provide a motor that enables to fix a sealing cap that constitutes a sealing mechanism in cooperation with thrust plates. that prevents leakage of a lubricant oil retained at bearing parts, and that can be used stably over a long period, even in the case where the a pair of the thrust plates structures a dynamic pressure bearing. SOLUTION: In a motor, in which the dynamic pressure bearing is made up of a pair of thrust plates 14, 16, a pair of sealing caps 18, 20 is constituted, between the thrust plates 14, 16 and the sealing caps 18, 20 of ring-shaped members 18a, 20a that form gaps 28, 30, the dimensions of which becomes larger toward inside in the radial direction to function as sealing parts, and flat members 18b, 20b that cover the ring-shaped members 18a, 20a and the thrust plates 14, 16 from outside in the axial direction. These ring-shaped

members 18a, 20a and the flat members 18b, 20b are adhered and fixed to a

